

German solar panel exports





Overview

Are solar photovoltaics a good investment in Germany?

Solar photovoltaic systems could be a significant contributor, though their success also relies on long-term weather conditions. Discover all statistics and data on Solar photovoltaics in Germany now on [statista.com](https://www.statista.com)!.

Do solar panels contribute to Germany's Power Mix?

Solar arrays can contribute a much greater share to the German power mix during particularly sunny times. In July 2024, Germany recorded its monthly record solar power output level to date of 10.1 terawatt hours (TWh) – despite sunshine levels being lower than the previous year.

Is Germany a good place to invest in solar energy?

The photovoltaic industry is playing a key role in shaping Germany's sustainable energy future. Germany can look back on decades of solar energy experience and is considered as being a major photovoltaics pioneer. Germany is the biggest and fastest-growing rooftop solar PV market in Europe.

How many solar modules are made in Germany?

For the first quarter, the Federal Statistical Office reports a drastic decline in modules manufactured in Germany to just under 495,600. From [pv magazine Germany](#) In 2023, Germany imported nearly €3.6 billion worth of PV systems, primarily solar cells and modules.

How much solar energy did Germany import in 2023?

In 2023, Germany imported nearly €3.6 billion worth of PV systems, primarily solar cells and modules. Compared to the previous year, the value fell by 12.5%, the Federal Statistical Office (Destatis) reported Monday. PV imports continued to decline sharply in the first five months of the year compared to the same period last year.



Which countries export solar panels in the EU?

The largest extra-EU export destination for wind turbines was the United Kingdom (30%), followed by the United States (18%). China (98%) was by far the largest partner for extra-EU imports of solar panels in 2023 (see Figure 5). The largest extra-EU export destinations for solar panels were Switzerland (31%) and the United Kingdom (25%).



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Solar package I: Overview of the Main New Solar Regulation in Germany

The Solar Package I, which was significantly amended during the legislative process, contains a number of new regulations for solar energy in Germany, particularly in the ...

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How to Export Solar Panels to Europe and the US: Certifications ...

The global solar energy market is thriving in 2025, with China maintaining its leadership as a top exporter of photovoltaic (PV) products. At a recent press conference on ...

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[Market Data , German Solar Association](#)

In this section, you can find fact sheets that summarize the most important market indicators for the German photovoltaic, solar thermal and solar battery storage market.

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[International trade in products related to green energy](#)

This article provides a picture of the international trade in green energy products of the European Union (EU) for three products: wind turbines, solar panels and liquid biofuels. It compares ...



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High-quality, high efficiency PV modules, made with German ...

The efficiency of a solar system is influenced by sunlight exposure, shading, panel orientation, and temperature. Choosing high-quality panels and proper installation also impact overall ...

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Germany Solar Energy Market Size, Share & Report Analysis 2030

The Germany Solar Energy Market is expected to reach 100.93 gigawatt in 2025 and grow at a CAGR of 17.98% to reach 230.71 gigawatt by 2030. BayWa r.e. AG, Enerparc AG, ...

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[Recent Facts about Photovoltaics in Germany](#)

Germany is leaving the fossil-nuclear age behind, paving the way for photovoltaics (PV) to play a central role in a future shaped by sustainable power production.

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Improving the end-of-life management of solar panels in Germany

In 2020 photovoltaics (PV) generated 20,3% of the renewable electricity production in Germany being an important pillar on which the German renewable energy production rests ...

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[German solar panel industry struggles with declining demand](#)

Germany saw a jump in solar panel demand following the start of the Russia-Ukraine war, as concerns about escalating energy prices and the EU's energy security increased.



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[A 34% increase in China's solar panel exports meets growing](#)

Exports of solar panels from China grew by 34% in the first half of 2023, with 114 GW shipped worldwide, compared to 85 GW in the same period last year.

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Solar Panel Exports from GERMANY

Gain access to GERMANY's Solar Panel exports data, including information on top buyers, top suppliers, and shipment details such as quantity, price, HSN code and Trading partners

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Germany's solar power sector growth well below climate targets

Germany's residential solar panel industry, once a booming sector, is now facing a downturn due to a sharp decline in consumer demand. Even with a record-breaking 15GW of ...

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[Germany: Value of PV imports, exports plunges 66%](#)

European countries are at the forefront when it comes to exports, with 17.8% of PV products going to Austria, followed by Italy with 11.4% and Switzerland with 9%.

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[China's Solar Panel Exports Surge by 13% in 2024](#)

Overview of China's Solar Panel Exports China remains the global leader in photovoltaic (PV) panel exports, with shipments reaching 235.93 GW in 2024--a 13% ...

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